

Proceedings of the Iowa Academy of Science

Volume 55 | Annual Issue

Article 4

1948

Minutes & Reports - Executive Committee; Secretary; Treasurer; Staff Reports; Committee Reports

Let us know how access to this document benefits you

Copyright ©1948 Iowa Academy of Science, Inc.

Follow this and additional works at: <https://scholarworks.uni.edu/pias>

Recommended Citation

(1948) "Minutes & Reports - Executive Committee; Secretary; Treasurer; Staff Reports; Committee Reports," *Proceedings of the Iowa Academy of Science*, 55(1), 25-37.

Available at: <https://scholarworks.uni.edu/pias/vol55/iss1/4>

This General Interest Article is brought to you for free and open access by the Iowa Academy of Science at UNI ScholarWorks. It has been accepted for inclusion in Proceedings of the Iowa Academy of Science by an authorized editor of UNI ScholarWorks. For more information, please contact scholarworks@uni.edu.

President-elect William Kadesch then assumed the chair and called for new business.

The following resolution adopted in the Botany section was presented by Mrs. Von Ohlen.

1. The Botany Section voted in favor of acquiring a prairie tract at Iowa Lakeside Laboratory,
2. recommended that the Academy as a whole go on record as favoring this objective and direct its Conservation Committee to take necessary steps for this purpose.

This was adopted by the Academy and with no other business the Academy adjourned.

CORNELIUS GOUWENS, *Secretary.*

The Minutes of the Executive Committee

The Executive Committee of the Iowa Academy of Science met in the Memorial Room of Parsons Hall at 1:30 p. m. on Friday, April 16, 1948.

Those present were Aikman, Baker, Brooks, F. E. Brown, Getchell, Gouwens and Kadesch.

Reports were given by the secretary and treasurer, the auditing committee, the editor and the librarian. These were all filed on approval.

Standing committee reports were made by Aikman for Conservation, F. E. Brown for High School Relations and by Getchell for Membership. The report by Bruce F. Stiles for Legislation was read by the secretary.

The request of Dr. Aikman that the committee advisory to the conservation committee be continued for another year was granted.

Dr. F. E. Brown requested that the High School Relations Committee be reconstituted so that the work with the Junior Academy and Science Clubs be better co-ordinated. This was granted. It was moved that the Academy grant a sum of seventy-five dollars to the Junior Academy in addition to the twenty-five dollars of last year's grant which was not yet paid, if this amount was needed for current expenses.

Dr. Getchell's report was accepted with the understanding that the membership committee and the secretary be empowered to receive and accept late applications for membership.

It was the sense of the Executive Committee that the chairman of a standing committee may ask the President to reconstitute the committee when so desired.

It was recommended to the section chairman that they determine by committee report or by secret ballot the most meritorious paper, not an invited address, presented in their section meeting, that this citation be made public at the Saturday morning business session and that special attention be drawn to these papers by means of asterisks or footnotes when published in the Proceedings. It was further moved that the retiring president of the Academy name a

committee to serve as jury to pick the one of these papers they think most meritorious and that the author of this paper be given an award of fifty dollars at next year's business session as further recognition of merit. It was further recommended that the jury for next year be selected and named before the time of the next meeting of the Academy.

The Executive Committee wished to go on record as recommending that members of the Academy encourage third and fourth year college students to become associate members of the Academy and urge such students to participate in the activities of the Academy. It was also recommended that our present policy of non-affiliation with outside groups be continued.

It was moved that Iowa Wesleyan be granted a sum of money out of the A.A.A.S. grant not to exceed one hundred dollars for equipment used in Professor Hockett's researches on fuels derived from Iowa Coal and that Dr. King and the secretary be empowered to pass on further applications for grants for research if these are received, all subject to approval by the A.A.A.S.

It was recommended that the Academy try to purchase extra copies of the Proceedings if available at a satisfactory cost so all members in good standing may receive this volume and leave the Academy with a stock pile adequate for further demands.

The Executive Committee accepts with pleasure the invitation of President Harmon that the Academy meet at Drake University next year.

CORNELIUS GOUWENS, *Secretary*.

Secretary's Report

This is the sixtieth regular meeting of the Iowa Academy of Science. At present the membership totals 789, distributed by classes as follows: Honorary Fellow 1, Emeritus Fellow 9, Life Fellow 21, Fellows 288 and Associates 470. I carry the names of seven members elected before 1900. These deserve great commendation for their sustained interest in the Academy. Only 31 members of the Academy have not paid their 1947-48 dues.

Your secretary is very sorry that there was so long a delay in the printing of volume 53 of the Proceedings. Much of this was due to unavoidable situations. I think that these delays will no longer occur. The cost of printing of the Proceedings has almost doubled. There was a deficit of \$2410.39 on volumes 52 and 53 but the State Superintendent of Printing received permission from the Legislative Interim Committee to transfer this sum from other funds in his possession to the Iowa Academy of Science fund. The last Legislature appropriated \$4300.00 for the printing of volumes 54 and 55. It may be necessary to limit the size of volume 55 in order that costs will not exceed the appropriation. I feel that many members of the Academy do not realize that it is this appropriation by the State Legislature that covers the cost of printing of the Proceedings.

I wish to remind you of the report by the Librarian of the Academy in which he gives evidence of wide distribution of the Proceedings. We have had requests for volumes of the Proceedings from foreign countries such as Denmark, India and Czechoslovakia. We receive many requests for reprints but these resuests are usually referred to the authors of the papers.

The following appointments were made by the President during the year. C. W. Lantz was named chairman of the section of Science Teaching to fill the vacancy caused by the resignation of H. C. Trimble and George D. Lovell was named chairman of the Psychology section after C. R. Strother resigned. Both of the elected chairmen have left the state. H. S. Doty was appointed to the Library Committee for a term of two years. O. C. Kreider was appointed to the Membership Committee. A talent search committee under the High School Relations Committee was named. They are Bliese, Brandt, Gale, Stanley E. Harris, McKelvey and Routh. A sub-committee called Advisory to the Conservation Committee was named. They are Crawford, Knowler, Lovell, Nelson and Underkofler.

As secretary of the Academy I was the delegate to the Academy Secretary's Conference in Chicago. Interesting and profitable discussions were made relative to broadening the activities of the academies especially in talent search. This coming year emphasis will be placed on two phases of expansion, namely conservation of natural resources and talent search.

We need never apologize for our support of the Iowa Academy of Science. It has a great record and we can all look forward to continued progress.

Respectfully submitted,

CORNELIUS GOUWENS, *Secretary.*

Report of the Treasurer

March 1, 1948

Cash on hand March 1, 1947.....		\$ 955.46
Receipts		
*Dues	\$ 894.00	
A.A.A.S. Grant	75.00	
Interest U. S. Bonds	37.50	
Sales	26.14	
Reimbursement for unacceptable check	1.00	
Reimbursement for postage	0.24	
Sale made and check deposited but later re- turned by clearing house	2.00	
	<u>\$1035.88</u>	
Total		\$1991.34
Disbursements		
Secretary's office	\$ 12.20	
Stationery, printing	142.35	
Postage	47.88	
Bank charges	4.84	

Bad check for dues	1.00	
Bad check for sales	2.00	
To savings account	87.50	
A. C. Trowbridge, honorarium	20.00	
D. C. Stroud, Secy., Jr. Academy	25.00	
Central Scientific Co. for laboratory equipment on grant to Professor Hockett	75.50	
Junior Academy	50.00	
Cornelius Gouwens—delegate to Academy Secretaries' Conference	20.00	
L. R. Wilson, Editor—Vol. 53	50.00	
Cornelius Gouwens, Secretary	100.00	
	<hr/>	
	\$ 638.27	
Balance on hand March 1, 1948		\$1353.07
*This includes \$364.00 for 1948-49 dues collected before March 1, 1948.		

SAVINGS ACCOUNT

Balance on hand March 1, 1947		\$ 713.77
Receipts		
Interest (savings account)	\$ 6.17	
Interest U. S. bonds	37.50	
Fellow membership fees	50.00	
	<hr/>	
	\$ 93.67	
Balance on hand March 1, 1948 (On deposit Union Story Trust and Savings Bank, Ames, Iowa)		\$ 807.44

HOLDINGS AND SECURITIES

United States Treasury bonds—Series D Face value \$675.00, purchased July 1939. Due 1949		
Present value	\$ 634.50	
United States Treasury bonds—Series F. Face value \$1000.00, purchased Dec. 1943. Due 1955.		
Present value	776.00	
United States Treasury bonds—Series G	1500.00	
Savings account March 1, 1948, Union Story Trust and Savings Bank	807.44	
Total endowment fund	3717.94	
Checking account, current funds	1353.07	
	<hr/>	
Total assets March 1, 1948		\$5071.01

Respectfully submitted,
 CORNELIUS GOUWENS,
Secretary-Treasurer.

Audited and found correct March 19, 1948.

Signed,
 HERBERT J. PLAGGE,
 WENDELL H. BRAGONIER.

We, the undersigned, have examined carefully the books of Cornelius Gouwens, Secretary of the Iowa Academy of Science, and

find them correct and in good order. We find the securities listed in this report to be as represented.

Respectfully yours,
HERBERT J. PLAGGE,
W. H. BRAGONIER.

Report of the Editor

The Proceedings of the Iowa Academy of Science for 1947 are being published in Volume 54. Inasmuch as the printer has been unable to start any given operation on Volume 54 until the completion of the same operation on Volume 53, there has been considerable delay in printing the current number. Page proof, however, is now being checked and the press work should soon be started. It is expected that after this year the Proceedings will be published within a reasonable time after the Academy meetings.

Respectfully submitted,
F. G. BROOKS, *Editor*.
April 17, 1948.

Report of the Committee on Conservation

Some additional progress has been made in studying policies and procedures of making the committee conservation program an operative Academy conservation program. The advisory or coordinating committee, authorized by the Academy at the Cedar Falls meeting in 1947, was appointed and has been of even more assistance than was anticipated in the evaluation of policies and procedures. The scientific fields represented by these five members were selected to insure representation and assistance from every section of the Academy. The new fields represented are: Chemistry, Engineering, Mathematics, Physics, and Psychology. The reappointment of this committee is requested.

By means of correspondence and meetings, the joint committee has agreed on several items of policy and procedures: (1) No new fields have been added to the seven covered in the 1944 report. There have been no recommendations to drop any of the fields. It seems advisable, however, that the first field be separated for action into (a) state parks and (b) preserves. (2) The plan, reported in 1946, of selecting one field for concerted effort, writing a project on it and proceeding until questions of policy arise has yielded worthwhile results in provoking general interest in the conservation of Iowa prairie, in coordinating the efforts of the Academy in the project and in cooperating with the Conservation Commission in its prairie conservation program. Plans for conservation in the other fields are now being projected in a like manner. The committee anticipates the assistance from other members of the Academy necessary to provide for this increase in rate of conservation activity. (3) Procedures are being devised to obtain more information on

the interest and potential activity of individuals and groups of the Academy in the separate fields of conservation to use as the basis of assignment of activities and responsibilities.

Respectfully submitted,

H. S. DOTY

ADA HAYDEN

G. O. HENDRICKSON

H. G. HERSHEY

C. R. KEYES

G. B. MACDONALD

E. B. SPEAKER

F. F. RIECKEN

J. M. AIKMAN, *Chairman.*

Coordinating Committee

L. C. CRAWFORD

L. A. KNOWLER

G. D. LOVELL

R. A. NELSON

L. A. UNDERKOFFLER

Report on the Distribution of the Proceedings of the Iowa Academy of Science on an Exchange Basis covering the year March 1, 1947- February 29, 1948

During the year covered by this report, the Iowa State College Library has forwarded the war issues of the Proceedings of the Iowa Academy of Science to all foreign countries to which shipments could not be made during the war. Shipments to all countries are now completed except Japan. Letters were sent to all institutions formerly on the exchange list asking if they still wished to receive the Proceedings of the Iowa Academy of Science. All institutions still in existence were eager to receive the Proceedings for the war years and future Proceedings, if possible. However, these institutions in many cases were unable to offer for the time being any publications in exchange, owing chiefly to the lack of paper. It was decided to retain such institutions on the mailing list in the expectation that at some time in the not too distant future their publications would be resumed.

The Academy did receive from many institutions, especially those in Scandinavian countries, some very valuable publications issued during the war, which were held for us until shipment could be made. Some equally valuable publications from German and Japanese institutions issued during the war and not obtainable through trade have been received in exchange for the Proceedings.

It should be noted that the distribution of the Proceedings of the Iowa Academy of Science has aided cultural relations between the institutions of the United States and those of other countries. Such a cultural approach may be of great value in future years in improving mutual international understanding. Some noted professors in China and Japan have expressed the opinion that the greatest contribution American institutions could make in the future to mutual international understanding and good will would be the

1948]

REPORTS

31

increased exchange of publications and of scholars and students. It seems wise to continue the policy of retaining institutions on our exchange list even if for the time being no publications are received in exchange.

The decrease in sales of the Proceedings of the Iowa Academy of Science for the year covered by this report undoubtedly caused by the delay in publication of the Proceedings for 1946 and 1947. The Library has a number of orders for the current issues of the Proceedings for these years.

The following statistics on distribution and sales also cover the preceding year in order that a comparison can be made:

Number of institutions on mailing list to which Proceedings of Iowa Academy of Science have been sent:

	1946/47	1947/48
Domestic	96	100
Foreign	68	85

Number of institutions noted above from which publications have been received:

	1946/47	1947/48
Domestic	68	79
Foreign	42	50

Number of publications received in direct exchange for only Iowa Academy of Science Proceedings:

	1946/47	1947/48
Domestic	84	90 (pieces)
Foreign	138	122 (pieces)

Number of publications received in exchange jointly for Proceedings of Iowa Academy of Science and publications of Iowa State College (government and state publications including bulletins of the domestic experiment stations are not included):

	1946/47	1947/48
Domestic	290	295 (pieces)
Foreign	202	183 (pieces)

Total number of publications received from institutions to which are sent the Proceedings of the Iowa Academy of Science:

	1946/47	1947/48
Domestic	374	385 (pieces)
Foreign	340	305 (pieces)

Institutions receiving the Proceedings as gifts:

U. S. government agencies	7	7
	1946/47	1947/48
Iowa libraries	25	25
Publishers of abstracting journals.....	4	4

REPORT OF IOWA ACADEMY OF SCIENCE SALES FUND

Balance on hand.....	March 1, 1946	\$223.97	March 1, 1947	\$326.54
Sale of Proceedings (plus postage)	1946/47	113.91	1947/48	26.14
TOTAL FUNDS				
AVAILABLE	1946/47	337.88	1947/48	352.68
Disbursements for Postage	1946/47	11.34	1947/48	2.14
BALANCE	March 1, 1947	\$326.54	March 1, 1948	\$350.54

CHARLES H. BROWN, *Librarian,*
Iowa Academy of Science.

Report of the Membership Committee

The Membership Committee wishes to present the following named persons for election to the Iowa Academy of Science.

Life Members: 2; Everett D. Plass, Iowa City; E. H. Wenberg, Caracas, Venezuela.

Fellows: 15; G. L. Bridger, Ames, Iowa; Kenneth D. Carlander, Ames; Sherrett S. Chase, Ames; Joseph D. Danforth, Grinnell..... Ray W. Fisher, Ames; Ralph W. Lawson, Ames; Ta Li, Des Moines; George L. McNew, Ames; Stuart C. Peterson, Indianola; Chalmer J. Roy, Ames; Winfield W. Salisbury, Cedar Rapids; Fritz Schlenk, Ames; Ralph L. Shriner, Iowa City; Walter T. Smith, Jr., Iowa City; George Sprugel, Jr., Ames.

Transfer to Fellow: 5; Sidney W. Fox, Ames; Lloyd A. Knowler, Iowa City; Orlando C. Kreider, Ames; Lee D(udley) Ough, Clinton, E. H. Wenberg, Caracas, Venezuela.

Re-enrollment: 3; C. B. Campbell, Knoxville; Grover C. Hawk, Indianola; Herbert E. Hendriks, Mt. Vernon.

Associates: 118; Jack A. Adams, Iowa City; R. Scott Allen, Ames; John E. Allison, Des Moines; Richard H. Barnard, Iowa City; John A. Bath, Ames; Greta Bedakas, Iowa City; Herold D. Bennett, Iowa City; Henry David Block, Ames; Magdaline Bovis, Sioux City; Judson S. Brown, Iowa City; William Paul Burch, Mt. Pleasant; Woodrow Conrey, Knoxville; Marshall Coots, Fairfield; John E. Cranch, Ames; Emery Crane, Mt. Pleasant; Joseph P. Crisler, Storm Lake; John B. Crozier, Fairfield; William F. Danforth, Iowa City; Glen A. Deal, Ames; Wesley De Coursey, Ames; Howard R. Dixon, Iowa City; D. J. Doland, Grinnell; Eugene W. Elliott, Iowa City; Robert O. Fagen, Des Moines; Rex Farrier, Fairfield, Iowa; David A. Fell, Mt. Vernon; George Thomas Fisher, Fairfield; Madeline Clarke Foreman, Oskaloosa Theodore W. Fowle, Oskaloosa; R. Wayne Gardner, Des Moines; Robert W. Gibson, Oskaloosa; Carrie C. Gillaspay, Des Moines; John Glotfelty, Fairfield; Phoebe T. Goggin, Ames; Keith Golttry, Fairfield; Charmain Ruth Guerin, Iowa City; Ray R. Hagelberg, Mt. Vernon; C. F. Haner, Grinnell; Floyd S. Harper, Des Moines; Harry M. Harrison, Madrid; Ruth W. Helmick, Des

Moines; Marilyn Hemenway, Grinnell; Jack W. Henderson, Eldon; Eleanore Herndon, Ames; Clarence C. Hightshoe, Iowa City; Marvin G. Humke, Bloomfield; F. E. Jacob, Des Moines; Jean Jamieson, Mt. Pleasant; Kenneth E. Johnston, Crawfordville; Herbert B. Jordal, Ames; Robert C. Kammerer, Iowa City; E. S. King, Jr., Iowa City; Ray Kiser, Mt. Pleasant; Austin Koehler, Montrose; Phyllis Latta, Wapello; Clarence H. Lindahl, Ames; Robert C. Lommasson, Iowa City; Loisjean Luchini, Fairfield; Walter Lyche, Waverly; John H. McClure, Ames; Lois A. McIntosh, Iowa City; Irving M. Maltzman, Iowa City; John N. Mandas, Davenport; W. H. Marlow, Iowa City; Jane Marquis, Fairfield; Carol K. Mathers, Marshalltown; Harold W. Matzke, Mt. Pleasant; John E. Mauer, Iowa City; Richard E. Maxwell, Ames; Barbara Montgomery, Mt. Pleasant; G. W. Mouser, Cedar Falls; Robert A. Nichols, Ames; C. DeWitt Norton, Mt. Vernon; Bill G. Odell, Mt. Pleasant; Soren K. Ostergaard, Storm Lake; Joanne Padgett, Fairfield; Harris A. Palmer, Fairfield; David B. Parsons, Fairfield; James Parsons, Fairfield; Richard G. Peebler, Fairfield; S. N. Postlethwait, Iowa City; Albert Potter, Cedar Falls; William Pratt, Mt. Pleasant; Sherman A. Reed, Ames; Keith Rhodebeck, Sigourney; Esther Rice, Mt. Pleasant; R. A. Rogers, Cedar Falls; Russell Schafer, Fairfield; Joseph Schaffner, Mt. Pleasant; Paul Scherb, Waverly; Mary Katherine Schmidt, Mt. Pleasant; Frank D. Schnitger, Davenport; Keith Schreiner, Ollie; Wesley J. Shafer, Fairfield; A. H. Shephard, Iowa City; Virginia Shirkey, Fairfield; Paul H. Sidles, Mt. Pleasant; J. W. Skidmore, Mt. Pleasant; James A. Slater, Ames; Max L. Smith, Mt. Pleasant; Shirley Statler, Mt. Pleasant; Dean W. Stebbins, Ames; F. Max Stein, Mt. Pleasant; Melvin A. Stock, Des Moines; Donald J. Stout, Burlington; Dewey B. Stuit, Iowa City; Max E. Thompson, Indianola; George W. Thomson, Ames; Walter N. Trump, Iowa City; Cecil Van der Zee, Iowa City; Richard Van Vranken, Mt. Pleasant; Laura S. Von Ohlen, Fairfield; John R. Weber, Iowa City; M. E. Wingett, Grinnell; Fred W. Witt, Mt. Vernon; Fenton Wolfe, Cedar Rapids; Eugene R. Worden, Des Moines; G. L. Ziemer, Des Moines.

Respectfully submitted,

R. W. GETCHELL, *Chairman*.

High School Relations Committee 1948

At the Cedar Falls meeting on April 19, 1947, awards for high school exhibits were made in two classes: junior high school and senior high school. In the junior high school class Amos Hiatt of Des Moines was rated superior and Grinnell Freshmen Club and The Atomic Kids from Teacher's High School, Cedar Falls were rated excellent. In the senior high school class, T.C.H.S. Club, Teacher's High School, Cedar Falls, and S.O.S. Club, Wilson High of

Cedar Rapids were rated superior and Keokuk High, Grinnell High and Cedar Falls High were rated excellent.

During the summer and early fall the committee on High School Relations was enlarged to include a group on Science Talent Search. Herman F. Brandt, Drake University; Grant Gale, Grinnell College; Stanley Harris, Iowa Geological Survey; J. V. McKelvey, Iowa State College; J. S. Routh, University of Iowa; and John C. W. Bliese, Cornell College were added to the committee.

On October 11, 1947, the officers of the Junior Academy, their councilors, Anton Hoftad of Cedar Falls and Georgiana Halloway of Grinnell, the permanent secretary, D. C. Strond, and F. E. Brown met in Cedar Falls to plan the program for 1947-8. The essay contest was continued under the direction of John C. W. Bliese of Cornell College and Myra G. Willis of Wilson High, Cedar Rapids. The Science Clubs of the Grinnell High School sponsored by Georgiana Halloway agreed to publish the J.A.S.I. News Letter. The student officers of the Junior Academy accepted the responsibility for increasing the number of science clubs affiliated with the Junior Academy. It was decided to use a part of the two dollar fee paid by each club to defray the expenses of this campaign. Three officers of the Junior Academy, George Holmes, president, Harold Klepfer, vice-president, and Tom Clawson, secretary, attended the Junior Scientists Assembly held in Chicago during the Christmas holidays. The Fairfield high school in serving as host to a meeting of the Junior Academy of Science held in conjunction with this meeting. This year 18 clubs are paid members of the Puniur Academy.

The First Iowa Science Talent Search was completed after the close of the Cedar Falls meeting last year. The papers were not received from Washington, D. C. until March 20, and no committee was in existence to rate them. The papers were arranged in groups according to subject matter, and each group judged by specialists in that subject. The committee consisted of physics, Percy H. Carr, Gerald W. Fox, and Jackson Laslett; chemical engineering, L. K. Arnold; mathematics, J. V. McKelvey; electrical engineering, J. D. Ryder; biology, H. H. Knight; Chemistry, F. E. Brown. A final rating of the best papers resulted in placing 10 persons on the Iowa Honor Roll.

IOWA:

Lois Jean Segerstrom,* 16, Ida Grove H.S.

Soil ConservationSuperior
(*Honorable mention in the National Contest.)

Robert James Davis, 17, Roosevelt H.S., Des Moines,

A Telescopic CameraSuperior

Jack Lawrence Treynor, 16, Abraham Lincoln H.S.,

Council Bluffs, The Compound SeriesSuperior

Burton Eugene Corning, 16, Cedar Falls H.S.,

TelevisionSuperior

1948]

REPORTS

35

John Thomas Polhemus, 17, Ames H. S., Gerridae (Water Striders) of Central Iowa	Superior
Kenneth LeRoy Hartt, 16, Ames H.S., Gaining a Background in Nuclear Physics	Excellent
Richard L. Overholtzer, 16, Ida Grove H.S., Conservation	Excellent
Lawrence Wm. Whitford, 17, Cedar Falls H.S., Radar	Excellent
Donald C. Young, 16, Ida Grove H.S., Photography	Excellent
Frank Albert Halden, 17, Ames H.S., Construction of a Superheterodyne Radio Receiver	Excellent

Each winner was notified of his selection on the honor roll and offer was made to ask any college or university selected by a winner to consider such winner for a scholarship. Letters were written for all of the ten. Information received indicates that all of the nine who entered college at the beginning of the fall term were offered scholarships or fellowships and/or cash awards. The total value of the awards for the year 1947-8 was between \$2000 and \$2500. Many of the awards are renewable if high scholarship is maintained.

The second Iowa Science Talent Search is completed but because the method for final rating was too complicated it was impossible to complete the ratings in time to invite the winners to this meeting of the Junior Academy to receive their awards. The final ratings were made last night and the names of the winners were announced this morning to the Junior Academy.

The winners for this year are: **Superior:** Mary Irene Jewell, St. Joseph's Academy, Dubuque, Honorable Mention in the National Competition; James Richard Budd, Fort Madison High School; Burton Grant Christensen, East Waterloo High School; Helen Louise Hinrichson, Ames High School; Hugh David Young, Osage High School.

Excellent: Darrell Boyd Kelsey, New Hampton High School; Howard Vanalstyne Holler, Ames High School; Melvin Gale Bebee, Marion High School; Robert George Leebl, East Waterloo High School.

The exhibits were judged by Prof. L. T. Earls of Iowa State College Physics Dept., and Prof. C. W. Lantz of Iowa State Teachers College.

The executive committee of the Junior Academy for 1948-49 is as follows:

President, Harold Klepfer	Cedar Falls
Vice-President, Seymour Rafferty	Grinnell
Secretary, Elaine Hofstad	Cedar Falls
Treasurer, Marilyn Strasser	Grinnell
Senior Councilor, Georgiana Holloway	Grinnell
Junior Councilor, Paul Schenken	Fort Madison

Senior Dir. Essay, Myra Willis	Cedar Rapids
Junior Dir. Essay	To be appointed
Senior Academy Rep., Cornelius Gouwens	Ames
Permanent Secretary, D. C. Stroud	Des Moines

High School Relations:

Dr. F. E. Brown	Ames
John C. W. Bliese	Mount Vernon

The exhibit awards were made as follows:

Superior:

Alpha Beta Kappa	Cedar Falls
General Science Club	Des Moines

Excellent:

Atomic Kids—Campus School	Cedar Falls
Freshman Club	Grinnell
S.O.S.—Wilson High	Cedar Rapids

Honorable Mention:

Zeta Mu Epsilon	Marion
-----------------------	--------

In the essay contest, the clubs represented were as follows:

Alpha Beta Kappa—Cedar Falls	3 superior 1 excellent
S.O.S.—Cedar Rapids	1 superior 1 excellent
Zeta Mu Epsilon—Marion	1 excellent
Kappa Kappa Kappa—Grinnell	1 excellent
Sophomore Club—Grinnell	1 excellent

The committee recommends (1) that the Iowa Academy of Science pay \$25 not paid in 1948 and appropriate \$75 to be used by the Iowa Junior Academy of Science in promoting club work and its annual meeting for 1948-49.

(2) That the committee be authorized to divide itself into two sub-committees; the first to deal with club work and the Junior Academy, the second to conduct the Science Talent Search.

(3) That the committee be authorized to solicit funds and establish scholarships which may be named for the donor as the Westinghouse scholarships are named for the national search.

(4) That the following officers be elected for the Junior Academy:

Permanent Secretary.....	D. C. Stroud
Senior Councilor.....	Georgiana Holloway
Junior Councilor.....	Paul Schenken—Fort Madison

F. E. BROWN, *Chairman,*
High School Relations Committee.

Report of the Committee on Legislation

This year's report of the Committee on Legislation is confined to the progress of S.1285 and S.1297, two companion pieces of National Legislation designed to promote the progress of science.

In the 79th Congress a bill designed to combine the best features of both bills was introduced by Senator H. Alexander Smith of Princeton, New Jersey, known as S.526. This bill passed in the first session of the 80th Congress but was vetoed and the veto was sustained.

Senator Smith submitted a new bill known as S.2385 which we were informed resolves the various differences and meets the objections of the President.

As this is written, S. 2385 is before the Committee on Labor and Public Welfare in our present Congress.

BRUCE F. STILES, *Chairman,*
Iowa Academy of Science,
Committee on Legislation.

Report of the Committee on Necrology

The Committee on Necrology reports the passing of four members of the Academy. These are: E. M. MacEwen, N. A. Miner, H. H. Plagge, and H. W. Richey. Memorials to these members have been prepared and will be published in the Proceedings of the Academy.

Respectfully submitted,
E. S. HABER,
H. E. HENDRIKS,
J. J. MCCLINTOCK.

Report of Committee on Resolutions

To the President of the Iowa Academy of Science. Your Committee on Resolutions begs to report as follows:

1. That we express to the Administration of Parsons College and especially to Professor Floyd W. Von Ohlen and his local committee our appreciation for the accommodations and entertainment during the sixtieth session of the Iowa Academy of Science.
2. That we recognize the faithful work of the officers of the Academy and express our gratitude to them; and that we particularly commend the Secretary-Treasurer for his work during the meetings and the interim between sessions.
3. To the Ladies of the First Presbyterian Church we want to express our thanks for the Academy dinner.

H. E. JAKES,
ROY A. NELSON.